

What is claimed is:

1. A process for laminating textile sheet materials onto moldable foam or onto foamed moldings, which comprise adhering the sheet material onto the moldable foam or onto foamed moldings with an adhesive, a polymer preparation based on copolymers of one or more monomers selected from the group comprising vinyl esters, acrylates, methacrylates, vinylaromatics and vinyl chloride and from 0.01 to 25% by weight, based on the total weight of the copolymer, of one or more ethylenically unsaturated monomers containing carboxyl groups.
2. The process as claimed in claim 1, wherein use is made of copolymers of vinyl acetate, if desired with other vinyl esters; of vinyl chloride, if desired with vinyl acetate; of vinyl acetate with methacrylates or acrylates; of methacrylates and/or acrylates; or of styrene and acrylates, in each case containing from 0.01 to 25% by weight of ethylenically unsaturated mono- or dicarboxylic acids.
3. The process as claimed in claim 1, wherein in each case, the copolymers contain from 0.01 to 10% by weight of acrylic acid and/or methacrylic acid, optionally combined with from 0.01 to 2% by weight of acrylamide.
4. The process as claimed in claim 1, wherein the composition of the copolymer is selected so as to give a glass transition temperature T_g or a melting point of above 30°C.
5. The process as claimed in claim 1, wherein the polymer preparation also comprises from 0.1 to 25% by weight, based on the pulverulent copolymer, of solid pulverulent compounds which have two or more epoxy or isocyanate groups, with a melting point of from 40 to 150°C.
6. The process as claimed in claim 1, wherein the polymer preparation is applied to the textile sheet material, the polymer beads to be foamed are introduced

in a mold, and the foam is foamed against the textile sheet material provided with the polymer powder preparation.

7. The process as claimed in claim 1, wherein the polymer ~~preparation~~ is applied to a textile ~~ready~~ sheet material or to a ready-made foamed molding and then the textile sheet material is laminated onto the molding using an elevated pressure and an elevated temperature.

8. The process as claimed in claim 6, wherein the molding is then thermally post-treated at a temperature of from 80 to 100°C to remove residual gases or else to produce its final dimensional stability and final dimensions.

9. The process as claimed in claim 1, wherein the moldable foam or the foamed moldings are selected from the group consisting of at least one of expandable polystyrene (EPS), an expandable composition composed of EPS and polyphenylene oxide (EPS/PPO), expandable polyethylene (EPE) and expandable polypropylene (EPP).

10. The process as claimed in claim 1, wherein the textile sheet materials involve textiles, fibers, yarns, mats or laid scrims made from glass fiber, carbon fiber or aramid fiber.

11. Laminated products made from molded foam and, laminated onto this, a textile sheet material, bonded using a polymer based on copolymers of one or more monomers selected from the group comprising vinyl esters, acrylates, methacrylates, vinylaromatics and vinyl chloride and on from 0.01 to 25% by weight, based on the total weight of the copolymer, of one or more ethylenically unsaturated monomers containing carboxyl groups.

12. Motor vehicles containing laminated products as claimed in claim 11.

13. Aircraft containing laminated products as claimed in claim 11.

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